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Fig. 1 Block diagram showing the inventive device

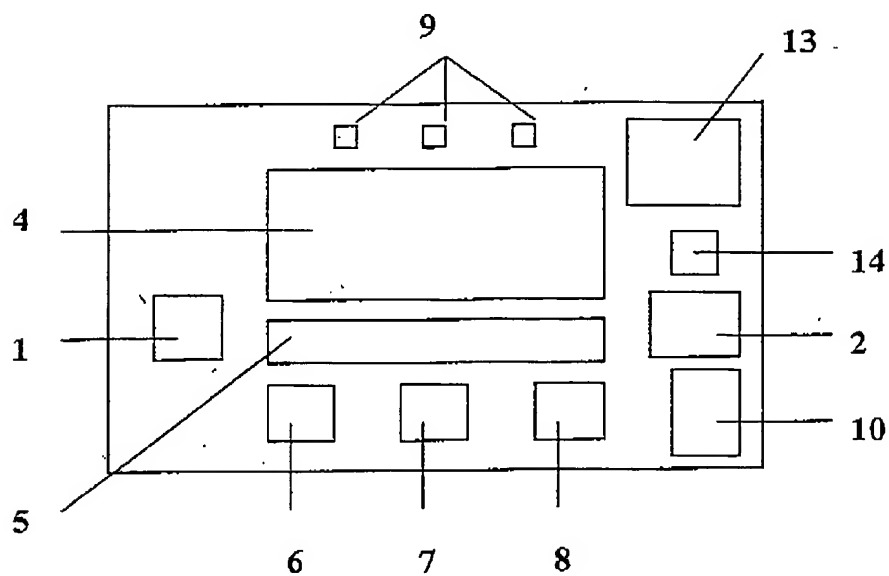
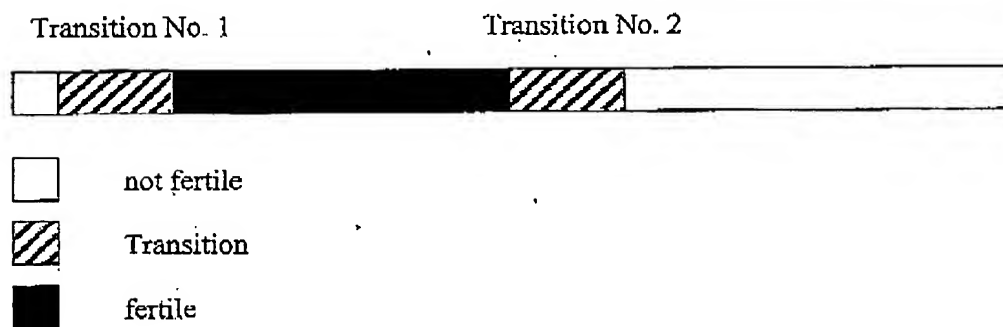


Fig. 3 Course of the phases in the cycle in the display device



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Fig. 2

**Cycle influence**

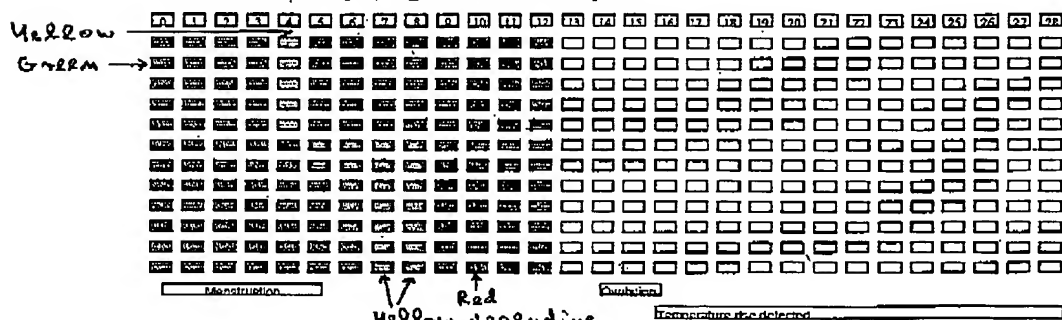
Cycle #1 to 5 Turn yellow (change) from 4<sup>th</sup> day  
 Cycle #6 to 7 Turn yellow 8 to 11 days before most early second day of temperature rise in history depending on Quality factor (see table below)  
 Cycle #8 to 10 Turn yellow 8 to 10 days before most early second day of temperature rise in history depending on Quality factor (see table below)  
 Cycle #11- Turn yellow 8 to 9 days before most early second day of temperature rise in history depending on Quality factor (see table below)

Red LED - FERTILE - will show one day after yellow LED.

**ExtraRiskyDays (Qx = Quality number of woman)**

Cycle #	O7	O6	O5	O4	O3	O2	O1	O0	Min	Max
1-5	-	-	-	-	N/A	-	-	-	-	-
6	0	1	1	2	2	3	3	3	0	3
7	0	0	1	1	2	2	3	3	0	3
8	0	0	0	1	1	2	2	3	0	2
9	0	0	0	0	1	1	2	2	0	2
10	0	0	0	0	0	1	1	2	0	2
11	0	0	0	0	0	0	1	1	0	1
12-	0	0	0	0	0	0	0	1	0	1

Leftmost block is day 0, rightmost block is day 28.



We have ovulation at day 14 and save Trise2 as day 16.

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Fig. 4

**Points use system**

Start of cycle	points = 0
The first day we recognize temperature rise	points = 1
Two days of temperature rise in a row	points = 2
After three days of temp rise	points = 3
After four days of temp rise	points = 4
Etc.	

**YellowStartPoints reward/punish system**

**Timing reward/punish of YellowStartPoints**

Cycle #1 - 4	punish +1 point	YellowStartPoints + 1
Cycle #5-	reward/punish depending on sigma	YellowStartPoints + x
	NICE ovulation timing sigma	x = -1
	NORMAL ovulation timing sigma	x = 0
	BAD ovulation timing sigma	x = +1

**Saliva punish**

Cycle #1 - 2	punish +2 points	YellowStartPoints + 2
Cycle #3-	punish 0 or +2 points	YellowStartPoints + y
	"A" pattern	y = 0
	"B" pattern	y = 0
	"C" pattern	y = +2

**Summary of YellowStartPoints**

Cycle #	Default	Timing	Saliva	Min	Max
1	3	+1	+2	6	6
2	3	+1	+2	6	6
3	3	+1	0 / +2	4	6
4	3	+1	0 / +2	4	6
5-	3	-1 / 0 / +1	0 / +2	2	6

**YellowStartPoints (when to start showing infertile)**

Reward/punish system YellowStartPoints = 2 to 6

**GreenStartPoints (when to start showing infertile)**

GreenStartPoints YellowStartPoints + 1

**When to change LED**

We say TURN TO INFERTILE (yellow LED) when points = YellowStartPoints.

We say INFERTILE (green LED) one day later than yellow LED.

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Fig. 5

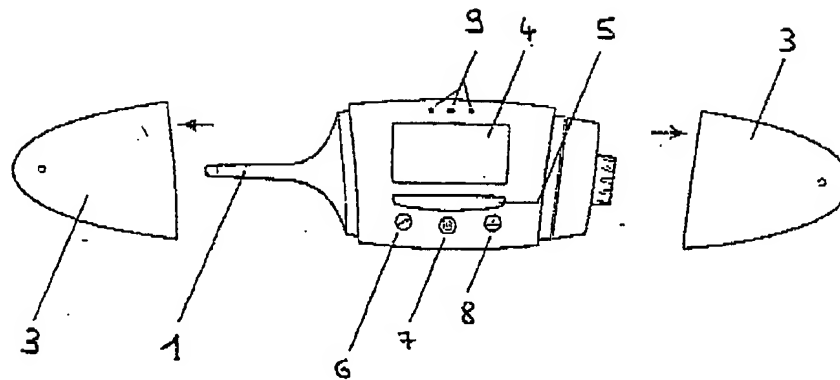
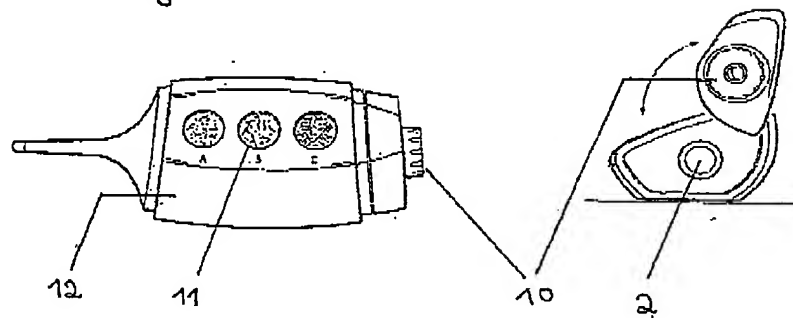


Fig. 6



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Fig. 5

